

Amendment under 37 C.F.R. §1.111
Attorney Docket No. 062572
Application No. 10/585,141

AMENDMENTS TO THE CLAIMS

The listing of claims below replaces all prior versions of claims in the application.

1. (Cancelled)

2. (Currently Amended): The ~~adhesive film according to Claim 4~~ method according to claim 6, wherein the polyimide film satisfies relationship $-15 \leq \theta \leq 15$ is satisfied at any position in the width direction (TD direction) of the film, wherein $\theta(^{\circ})$ is the angle of molecular orientation axis to the MD direction of the polyimide film.

3. (Currently Amended): The ~~adhesive film according to Claim 4~~ method according to claim 6, wherein the polyimide film satisfies relationships $2 \leq \alpha_1 \leq 10$, $13 \leq \alpha_2 \leq 25$, and $20 \leq (\alpha_1 + \alpha_2) \leq 40$ ~~are satisfied~~, wherein α_1 (ppm/ $^{\circ}$ C) is the coefficient of linear expansion (200 $^{\circ}$ C to 300 $^{\circ}$ C) of the polyimide film in the MD direction, and α_2 (ppm/ $^{\circ}$ C) is the coefficient of linear expansion (200 $^{\circ}$ C to 300 $^{\circ}$ C) of the polyimide film in the TD direction.

4. (Cancelled)

5. (Currently Amended): The ~~flexible metal clad laminate according to Claim 4~~, method according to claim 6, said method being a method for producing such a flexible

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metal-clad laminate that [[the]] a total of [[the]] a rate of change in dimensions before and after
[[the]] removal of the metal foil and [[the]] a ratio of change in dimensions before and after
heating the flexible metal-clad laminate from which the metal foil has been removed at 250°C for
30 minutes is in a range of -0.06% to +0.06% both in the MD direction and in the TD direction.

6. (Currently Amended): A method for producing [[an]] a flexible metal-clad laminate,
the method comprising laminating a metal foil to an adhesive film with a thermal roll laminator
including at least one pair of metal rollers, the adhesive film including a polyimide film and an
adhesive layer containing a thermoplastic polyimide, the adhesive layer being disposed on at
least one surface of the polyimide film, the method comprising forming the polyimide film by a
process comprising:

step (A) of casting and applying a solution containing a polyamic acid onto a support to
form a gel film;

step (B) of stripping off the gel film and fixing both ends of the gel film; and

step (C) of heating and transporting the film with both ends being fixed,

wherein in at least a portion of step (C), the film is transported in a state loosened in the
TD direction such that a distance between from one fixed end to a second fixed end of said both
ends of gel film is smaller than a width of the film.

7-9. (Cancelled)

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10. (New): The method according to claim 6, wherein the loosened state is achieved before the film is heated and transported.